

Fig. 1

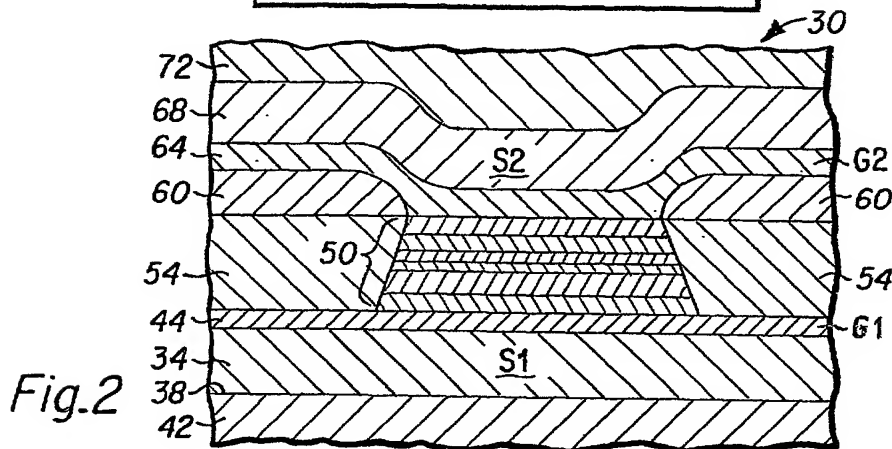


Fig. 2

Fig. 3

| | | |
|----|-------------------------------------|-------|
| 84 | Ta-40Å | Cu-5Å |
| | NiFe-30Å | |
| | CoFe-15Å | |
| | Cu-20Å | |
| | CoFe-26Å | Ru-8Å |
| | CoFe-17Å | |
| | PtMn-150Å | |
| 80 | Ta-35Å | |
| | NiMnO-30Å | |
| 76 | Al ₂ O ₃ -30Å | |
| 44 | G1 | |
| 34 | S1 | |
| 42 | | |

Fig. 4

| | | |
|----|-------------------------------------|-------|
| 94 | Ta-40Å | Cu-5Å |
| | NiFe-30Å | |
| | CoFe-15Å | |
| | Cu-20Å | |
| | CoFe-26Å | Ru-8Å |
| | CoFe-17Å | |
| | PtMn-120Å | |
| 94 | Si-20Å | |
| 80 | NiMnO-30Å | |
| 76 | Al ₂ O ₃ -30Å | |
| 44 | G1 | |
| 34 | S1 | |
| 42 | | |

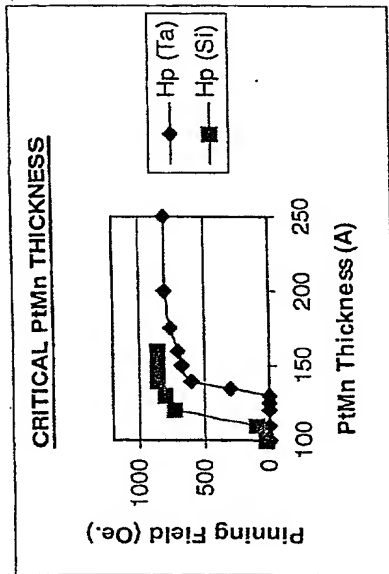


FIG. 6

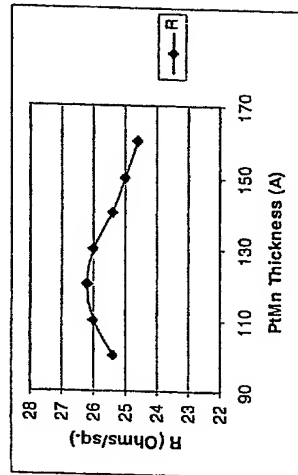


FIG. 7

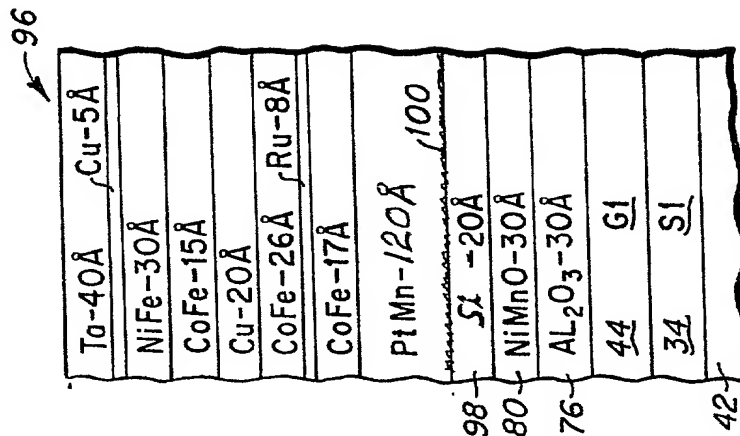


Fig. 5

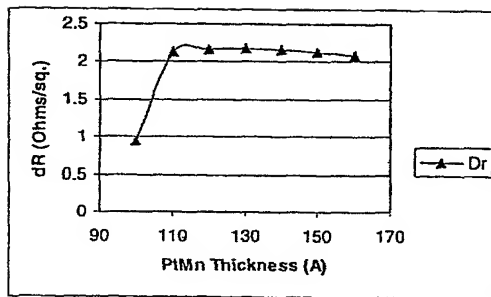


FIG 8

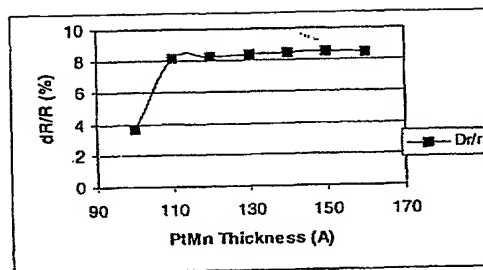


FIG. 9